

# CSM Republicans commemorate 9/11



STEVEN WOOLDRIDGE / OREDIGGER

## Alta Garcia appears at Mines

**Charlotte Adams**  
Staff Writer

Barnes and Noble, owner of our campus bookstore, has decided to add a new line of clothing to the store. Alta Garcia, a sector of Knights apparel, will run our school logo on t-shirts for \$17.98 and on hoodies for \$34.98. Sounds just like any other company that sells us clothes, right? However, Alta Garcia is different.

"We could have given the community a check for \$25,000 or \$50,000 a year and felt good about that," says Donnie Hodge, President of Knights Apparel, "But we wanted to make this a sustainable thing." Alta Garcia, which supplies over 350 school bookstores with clothing, pays their workers enough to live in the world today. According to the company website, "We decided to create the Alta Garcia brand and pay our workers three times more than we were required to - a 'living wage' - so that they can provide their families with adequate food, clean water, clothing, shelter, education, and health care."

Having the privilege to see the clothes before they go out on the shelves, it is apparent that the quality of the product is very high. The cotton fabric is even softer than the traditional brands such as Jansport

or Champion. The book store will still sell these main brands, but as bookstore manager Ed Showers says, "[It is] alternative merchandise for people who want to help underprivileged people."

Looking on the brand's website you can see the contribution that this company has made for its workers in the Dominican Republic. All 120 workers from the factory have adequate healthcare and education. "We invited the Workers' Rights Consortium, an independent labor rights' organization, to make sure that we continue to uphold the high standards that we've set for ourselves," writes Hodge on the websites blog. "We've done all this without compromising on the quality of our college t-shirts, sweatshirts, and hoodies, and it's not more expensive than other premium brands."

Like Showers says, "Any time we can help someone out in this world, it is a good thing." Alta Garcia promises healthy and safe working conditions, a decent salary, and quality health care for their employees while providing great quality t-shirts and sweatshirts to campuses across the country. You can support the work done by Alta Garcia by spreading the word, finding them on Facebook and Twitter, or just buying Alta Garcia clothing. For more information, visit [AltaGarciaApparel.com](http://AltaGarciaApparel.com)

## ASCSM discusses traditions, curriculum

**Zachary Boerner**  
Copy Editor

While largely unattended, last Thursday's Associated Students of the Colorado School of Mines (ASCSM) meeting discussed many new issues facing the student body including current discussions in the undergraduate council and the possibility of new traditions for students.

Jesse Earle, At-Large Senator to the Faculty, reported that the idea of an activity credit is back in the undergraduate council. The basic idea being that students would do eight semesters of activities (yet to be defined) that would be required for graduation but would not count towards students' GPAs. This is meant to replace the current system of PA credit.

A number of questions were brought up at this announcement. One student, after pointing out that there is at least one department requiring close to 140 credit hours, stated that this seems to be an attempt for the undergraduate council to give us more to do and avoid state credit hour limits. When asked if the undergraduate council was interested in student input, Earle responded, "We don't know. Honestly, the document is dated October 2006. They get stuff done very, very slowly."

Senior Class President Ben Selling and Graduate Student Association

President met with Dr. Mark Eberhart, head of the faculty senate on the topic of campus traditions disappearing. The three main traditions brought up were the Graduate Student Association Pub Crawl, the M-Climb, and Senior bus. Not much appeared to have been discussed regarding the actual traditions, but Eberhart expressed that the students have faculty support.

Since one of the major issues on campus recently has been pedestrian traffic, a pedestrian corridor will be made out of 16th Street, barring being voted down by city council. It was not discussed at the meeting how this would impact the flow of cars through and around campus, although at least one member expressed dismay at the plan.

Also, because of the cheating incident last semester, Provost Steven Castillo expressed a desire to ASCSM to reevaluate the student honor code to update it for new technologies. It was decided that members would look over the honor code and bring issues and ideas to the next ASCSM meeting.

Important policy changes and possible curriculum changes are also on the agenda for the undergraduate council. The dead week policy is inconsistent between departments and student athletes are taking tests during dead week, a violation of the policy, which will hopefully be revised within the next semester.

The undergraduate council is also considering adding an Underground Construction minor which would involve 7-8 classes.

The topic of student employees being classified as state employees was also discussed with Eberhart briefly, with the conclusion that there is the possibility that the school has been switching between them to suit the needs of the job.

The Legislative Day (L-Day) committee, historically responsible for L-Day and nothing else, may be getting a change to introduce more county and local politicians to the campus. Long-term plans would involve getting involved in more state politics and collaborating with other campuses.

Minor reports included the seniors setting their office hours in Coors Lab on Mondays 3-4 PM. The GSA is planning for the research fair to be in April and noted that there is an award for undergraduate research. The BSO stated that they were attempting to clear some confusion over one-time reallocation.

The freshman class election results were announced. Two freshman class representative positions were not filled during the normal election. Therefore, the ASCSM Senate asked for nominations to fill the positions. Three people were nominated to fill the two vacant seats, so they were dismissed from the meeting during the discussion and voting.





## Why is iTunes slow?

Ian Littman, Assistant Business Manager, Web Content

We could talk about Google Instant, but there really isn't much to say about that product; you type a search query and Google pulls up results before you finish typing. Google Instant increases the number of search queries that hit Google servers by a factor of between five and seven, and will save people 350 million hours over the course of the year. The time savings assumes, of course, that people will not spend those hours testing out Google Instant, or programming instant editions of other web applications, such as Google Maps or iTunes.

Going back to the topic at hand, a savvy user might notice that downloads from Apple's iTunes store practically fly over the Mines network, allowing a student to download TV shows and iTunes U lectures as quickly as their wireless or wired connection will allow. On

the other hand, in my experience Comcast and Qwest connections are exceptionally bad at downloading iTunes content at a decent rate of speed, with Comcast being the worst offender. The nation's largest ISP actually can't seem to be able to download at more than twenty percent of its advertised speed from iTunes, though connectivity to other locations is more than adequate. But why?

iTunes uses a content delivery network, or CDN, to serve up files from iTunes. The idea behind a CDN is that you can serve files faster from several locations, each of them sporting a cluster of servers that is geographically close to the user downloading the content. From there, approaches diverge.

Apple's CDN of choice is Akamai, which has been the gold standard for CDNs for years. Their modus ope-

randi is to place clusters of servers on ISP networks in various locations, eliminating potential slowdowns due to crossing network borders. Akamai then works with ISPs so that when a user requests a file at an Akamai-powered address, the ISP's DNS (Domain Name Service) servers return the IP (Internet Protocol) address of the cluster that is nearest them. If the cluster has cached the file that the user is requesting due to a previous download, downloads proceed very quickly. If not, the local cluster pulls the file from elsewhere as the user downloads it. The second scenario creates a bit of a performance hit, but unless you are connected via wireline on-campus the performance hit is negligible.

The above works well as long as each cluster has plenty of capacity to serve up files to its target user base, that target user base is using

their ISP's standard DNS servers and the number of uncached files is small. However if one or more of the above conditions are not met then download performance falters. If someone chooses to use the Mines DNS server while at home, for example, Akamai-based sites will try to pull from the Akamai cluster connected to the FRGP, with suboptimal results. If you use OpenDNS, results are similarly subpar. Even if the "expected" DNS server is chosen, internet routing, network congestion and a lack of cached content may render a download painfully slow, at least in relation to the capacity of the internet connection being used.

Other CDNs use a technique known as "anycasting," where multiple servers in different locations share the same IP address. ISP routers pick the server that they think is closest to the user, and downloads

continue from there. Anycasting is a relatively new technology, and the concept has issues of its own, but DNS issues are not one of them. Will Apple change to a CDN that uses anycasting rather than DNS-based cluster resolution technology? Probably not; Akamai is a name brand. That said, an alternate technology certainly exists, which is a good thing for everyone else wanting to push content to users at high speeds.

Where does that leave Comcast (and maybe Qwest) users who want to download a TV episode in less than forty-five minutes? At the whim of Apple, Akamai and their ISP to be honest. However there is some comfort in knowing that the problem is not on your side.

# MLT goes from zero to one-acts in 24 hours

Ian Littman  
Assistant Business Manager,  
Web Content

At 7:00 p.m. on Friday, ten actors, three writers and a handful of supporting cast members gathered at the Ford Building to audition for Mines Little Theatre's first twenty-four hour play festival. Twenty-four hours later, Mines Little Theatre performed the fruits of their labor, three one-act plays, in the Student Center ballrooms to an audience of several dozen people.

After nearly an hour of auditions the night before, scriptwriters Alex Dell, Konrad Klett and Rudy Ybarra casted the potential actors and began writing each of their plays. "Every ten minutes or so I get writer's block," Klett remarked at around 11:30 p.m. that night. "Then I drink some more coffee and start writing some more." Dell agreed with Klett's description of the scriptwriting process, adding that he was focusing on wiring now and editing later. "It's rough, and still needs to be edited, but I've got another eight hours to do that," he explained. Ybarra on the other hand preferred to edit while writing.

Every few hours, Mines Little Theatre treasurer Amanda Bowers gave the three scriptwriters a prompt to add to their plays. The first prompt involved mentioning MLT's upcoming plays, "Done to Death" and "The Mouse that Roared", which will be performed in November. Other prompts included working a

corny joke into the script and adding a reference to a cowbell somewhere within the play. Directors, who showed up at 6:00 a.m. on Saturday, also got prompts, which varied between plays and included such things as a thumb war and use of a dollar bill as a prop. Klett and Dell both performed in acting and directing as well as writing capacities.

Actors arrived at the Ford Building at 7:00 a.m., then moved to the Student Center after "running lines" for a few hours. Twelve hours later, the audience arrived and each acting team put on their play. Plots were all comedic, and ranged from an unintelligent villain taking over a TV news station, directed by Mark Shivers, to a ninja-ridden ten-minute saga of adventure and treasure written by Konrad Klett. Each play ran ten roughly ten minutes.

Production value was rough, however the performance appeared to be arranged in ascending order of actor ability (or simply line memorization).

This left the audience with a finale that, despite its over-the-top nature and minimal prop set, was humorous enough to leave the audience with a good feeling at the end of the night.

Overall, Mines Little Theatre's 24-hour Play Festival was a success, well worth the forty minutes of time the three-play performance took to watch. The next iteration of this concept is something to definitely look forward to for next year.



Amber Kaume, Josh Auger and Konrad Klett discuss an odd combination of death and desserts in Rudy Ybarra's *Murderous Desserts*, the second play of the evening.

Ninjas "Mushroom" and "Cornbread", played by Taylor and JT Foss, mock battle during the final play of the evening, written by Konrad Klett.



JT Foss and Taylor talk about treasure found in mountains jutting from the sea after receiving directions from Wolf-hammer, played by Challyn Pfifer.



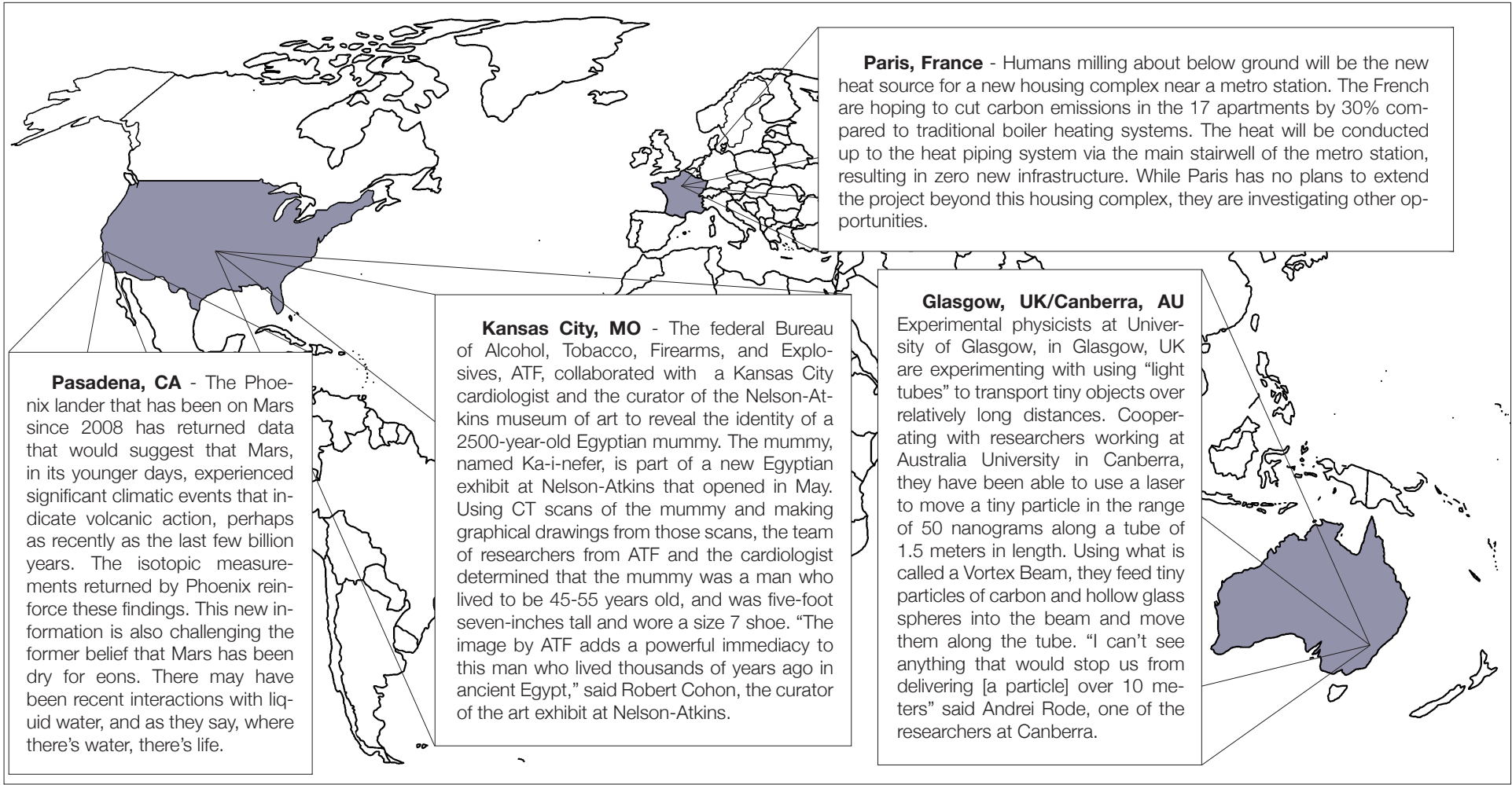
(Left to right, top to bottom) Mark Shivers, Jason Murray, Josh Auger, JT Foss, Sam Barkat, Melissa Ashwood, Alex Dell, Alex Montgomery, Taylor, Amber Gaume, Konrad Klett, Kari Kron and Challyn Pfifer pose as the cast for 2010's Mines Little Theatre 24-hour Play Festival. Not shown are MLT treasurer Amanda Bowers and scriptwriter Rudy Ybarra.

ALL PHOTOS IAN LITTMAN / OREDIGGER



# Scientific discoveries this week

Joshua Kleitsch, Staff Writer



**Pasadena, CA** - The Phoenix lander that has been on Mars since 2008 has returned data that would suggest that Mars, in its younger days, experienced significant climatic events that indicate volcanic action, perhaps as recently as the last few billion years. The isotopic measurements returned by Phoenix reinforce these findings. This new information is also challenging the former belief that Mars has been dry for eons. There may have been recent interactions with liquid water, and as they say, where there's water, there's life.

**Kansas City, MO** - The federal Bureau of Alcohol, Tobacco, Firearms, and Explosives, ATF, collaborated with a Kansas City cardiologist and the curator of the Nelson-Atkins museum of art to reveal the identity of a 2500-year-old Egyptian mummy. The mummy, named Ka-i-nefer, is part of a new Egyptian exhibit at Nelson-Atkins that opened in May. Using CT scans of the mummy and making graphical drawings from those scans, the team of researchers from ATF and the cardiologist determined that the mummy was a man who lived to be 45-55 years old, and was five-foot seven-inches tall and wore a size 7 shoe. "The image by ATF adds a powerful immediacy to this man who lived thousands of years ago in ancient Egypt," said Robert Cohon, the curator of the art exhibit at Nelson-Atkins.

**Paris, France** - Humans milling about below ground will be the new heat source for a new housing complex near a metro station. The French are hoping to cut carbon emissions in the 17 apartments by 30% compared to traditional boiler heating systems. The heat will be conducted up to the heat piping system via the main stairwell of the metro station, resulting in zero new infrastructure. While Paris has no plans to extend the project beyond this housing complex, they are investigating other opportunities.

**Glasgow, UK/Canberra, AU** - Experimental physicists at University of Glasgow, in Glasgow, UK are experimenting with using "light tubes" to transport tiny objects over relatively long distances. Cooperating with researchers working at Australia University in Canberra, they have been able to use a laser to move a tiny particle in the range of 50 nanograms along a tube of 1.5 meters in length. Using what is called a Vortex Beam, they feed tiny particles of carbon and hollow glass spheres into the beam and move them along the tube. "I can't see anything that would stop us from delivering [a particle] over 10 meters" said Andrei Rode, one of the researchers at Canberra.

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## Headlines from around the world

Joshua Kleitsch, Staff Writer

The San Francisco suburb of San Bruno, California burst into flames as a **gas line exploded** on Thursday, killing six people and injuring 50 more. Seven more are missing. Witnesses said that the explosion created a massive crater and shot flames 50 feet into the air. Pacific Gas & Electric Co. will take responsibility if it is found that they were at fault.

Christo Javacheff is petitioning the city of Cotopaxi, CO, to allow him to **suspend silvery fabric over a 42-mile long stretch of the Arkansas river**. Christo, as he is most commonly known, has made himself famous for draping entire buildings and towns with cloth, as a form of art. At age 75, this would be Christo's last major work.

The **Qur'an burning in Gainesville, FL**, was called off since pastor Terry Jones claimed his message was received by the media. As a result of the planned burning, however, anti-burning protests were held in Afghanistan and at least two people were killed.

In Thailand, water buffaloes are increasingly being replaced by tractors as the main tool to plow fields. The Thai government is trying to slow that progress by **loaning out buffaloes to farmers** that would not otherwise have used them, with 33,000 buffaloes currently loaned out across the country.

The **U.S. Marine Corps recovered a German commercial vessel** in the Gulf of Aden Thursday by boarding and capturing the Somali pirates that captured the vessel days ago.

The Gulf of Aden is an important trade route connecting the Red Sea with the Arabian Sea and the Indian Ocean. Since 2008, attacks by Somali pirates have increased, leading to a decision that created a special task force of the U.S. military to combat this threat.

**Google came out with a new feature** in its world-renowned search engine called instant search. The feature uses predictive search already programmed into the search engine and performs a search based on every letter you type, as you type it. While this probably will not increase revenue for Google, it has the potential to dramatically decrease the time it takes to perform searches.

The French are experimenting with a **new paradigm in cuisine**, dropping prices dramatically and maintaining fantastic quality. A

new category known as "Neo-Bistro" serves good, simple French cuisine aimed at pleasing customers with cheaper dishes that are still well made.

The media research firm Nielsen Co. has come out with a new metric for **ranking the most popular NFL team** in the nation; by local TV viewers, Internet mentions, and website visits. The rather unsurprising result is that the Dallas Cowboys are indeed America's favorite team.

A ruling by the U.S. appeals court on Thursday will allow **federal funding of embryonic stem research** to continue. The ruling by District Judge Royce Lamberth stopped funds as of August 23, and this new ruling effectively overturns that ban, at least until further investigation has been completed.



## Local News

The #3 Men's Soccer team posts a 4-1 victory over the University of Mary. Mines scored 2 goals in both halves to counter University of Mary's lone goal in the 85th minute.

The Women's soccer team ties Montana State - Billings 1-1 in double overtime on Sunday. The Oredigger's next home game is Friday, Sept. 17th against Regis University at 2:00 pm

The 2010 Leadership Summit will be held on October 2. This year's summit will feature Craig Valentine, 1999 World Champion of Public Speaking, and Robert Waterman, co-author of In Search of Excellence, as well as 15 breakout sessions.

The American Chemical Society will hold a demonstration day on September 21st at 6:00PM. The demonstration will be held in the Coolbaugh Hall Atrium.

There are 34 days until fall break, October 16th through October 19th.



# Geek of the Week

**Brian Lindstadt**  
Staff Writer

In Golden, Colorado resides the quaint campus of the School of Mines. It is littered with laser-pointing, computer-building, and video-game-playing students. Unbeknownst to them, they are in a competition for Geek of the Week. This geek must exceed the preconceptions of geekiness and transcend into the realm of ridiculous. For this week's Geek, I searched Mines far and wide to locate that special outlier. His name is Riley Geistmann. Geistmann is a freshman from Redding, California, majoring in Electrical Engineering. He plays video games, builds computers, and never, under any circumstance, conforms.

## What are your favorite types of games, and why?

Role playing games (RPG) and real time strategies (RTS) because in an RPG you can get involved with the game fully and RTS because it is a good time waster.

## How did you start getting into building computers?

I researched into it. I could build something more powerful and more customized for less money. I have built two. One is a gaming computer and one is a photo editing computer for my grandmother.

## What is your favorite class?

Physics Lab, because it is the only class that has challenged me and has presented new information.

## What is the inspiration for

## your style?

I like to stand out. I do not want to be part of the conformity.

## What's your favorite outfit?

A kilt, because it is comfortable, increased in airflow, and definitely gets people's attention.

## What kind of music do you listen to?

Celtic, blue grass, and classical because I really like the violin and I have Celtic origins.

## How many years have you played the violin? Did you compete? Best experience?

I played the violin for 9 years. I competed in some fiddle competitions, but did not place. My best experience with the violin was my first fiddle competition. There were lots of people, and I got to play for all of them. While playing for all these people I was a mix of nervous and excited.

## How does Colorado compare to California?

The weather is better here. In California, the weather is about 105 all summer. The Colorado culture and the California culture are about the same. The places look the same, except Colorado is much greener.

## How many hours have you logged into video games?

Let's say, probably, like 5 years. For all the ladies reading this, I would like them to know I got the thumbs of a champion and can push that right button.

## If you had any super power

## ...Riley Geistmann, Freshman: Electrical Engineering

## what would it be?

Teleportation because I like the idea of being about to be anywhere and everywhere at once.

## If you could conquer one country, which one would you be?

I have no clue, why would I even conquer a country? Let's go with New Zealand, because I like the landscape.

## If you could be any video game character which character would you embody and why?

Luigi, because he was my favorite Mario brother.

## What is the weirdest thing you have seen on campus?

I keep seeing this guy on unicycle, or the people running a slack rope.

BRIAN LINDSTADT / OREDIGGER



## Considering Civil?

**Joshua Kleitsch**  
Staff Writer

The Civil Engineering department here at Mines has a lot to offer it's students, probably more than one might first imagine. Association of General Contractors (AGC) Vice-President Ryan Sullivan elaborated on what you can expect to do within the department. "Mines, for undergraduates, is really good for geotechnical and structural [engineering]." Many members of the faculty in the department did their graduate studies in structural, so it tends to attract students that are interested in the same.

One of the more common jobs for Mines Civil Engineering graduates is in the structural and geotechnical areas, and Sullivan commented that, "A lot of guys went to Kiewit Underground, but you can really do whatever you want." The Civil degree here at Mines is in reality an engineering degree, with a Civil specialty. It really depends on what you want to do, because you are not limited to the traditional definition of Civil Engineering, although it is already a very broad category. The opportunities are nearly endless.

Sullivan said that he was thinking about doing graduate school, and getting his master's degree. "I'm planning on applying to Purdue, CU, and Mines to get a Master's in structural." A Bachelor's degree from Mines means you can go nearly anywhere you would like, most schools hold Mines in high

regard.

One great option for students interested in Civil Engineering is the American Society of Civil Engineers and the AGC. These two organizations operate congruently here at Mines, and have their meetings and many of their events together. Ryan Sullivan is the vice-president of the AGC, and he commented on one of his main duties, "Right now, I'm planning the 'links for success' golf tournament, which is specifically for Mines students to network with professionals in the field. I will also end up doing pretty much anything the president can't do." Within these two organizations, there are many opportunities to make connections with companies and professionals within your field of interest, and if you're persistent that can result in interviews and job offers.

If you think you would be interested in pursuing a Civil Engineering degree here at Mines, Sullivan had a few things to consider: "What kind of toys did you play with as a kid? If you played with Lincoln logs, Erector sets, or K'NEX, then maybe Civil is for you." He went on, "Find out what your passion is, if you really enjoy structures, then you would probably like Civil [engineering]." Don't think that you're limited to only structural or geotechnical engineering just because that's what Mines is known for, the reality is that with any engineering degree from this school you can go on to do almost anything you choose.

## Engineers Without Borders: working for a change in Ghana

**Jessica My-Linh Ho**  
Staff Writer

This year, Engineers Without Borders (EWB) has a vision to create change for the people living in Darmang, Ghana. Run by President Emma Janisch, EWB held their first meeting this past Thursday from noon to one. "This is the first year

Mines has really had a club so it's really impressive that we have 25 people here," Janisch said.

The main problem in Darmang, a town of about 2000 people, is lack of water during the dry season. During the wet season, plentiful rains fill the water wells, providing an ample water supply. However, when the dry season comes around, the shallow wells quickly dry up.

Children are often sent on three-hour walks to find water, causing them to miss school. "They need a clean, stable source of water that is accessible to the entire village... if they have the time to start doing the things they need to, the kids can start going to school again... and it'll definitely have a big impact on their life in general," Janisch said. EWB is partnering with the University of Seattle to engineer a solution

to this problem.

Even though the engineering aspect of this project is important to helping these people get out of poverty, Janisch believes that "the main thing about all these projects is getting to know the people... the engineering is still there... but it's so much more of a cultural aspect we need to focus on." Thus, one of

chapter at her high school and plans to continue working with the organization as a student at Mines. "I'm really looking forward to the project that Engineers Without Borders has to do because it's a combination of engineering skills plus working with communities around the world."

Molly Roby, Treasurer of EWB, sums up why she believes it is im-

portant to get involved. "I think it's important that engineers don't focus on getting money but focus on the bigger picture of helping the human race. And there are so many people in the world that don't have things that we take for granted, so it's really important that we promote that."

Regardless of engineering background or specialty, everyone is invited to get involved with EWB. "I really encourage any-

one at Mines to come and look into EWB... I think it really gives you a perspective on the world knowing that these people are living off \$2 a day while we spend \$2 like it's nothing," Janisch said. "I think it's important even if you just come to one meeting and listen to one of our speakers."

If you are interested in EWB, contact Molly Roby at moperkin@mines.edu.



COURTESY ENGINEERS WITHOUT BORDERS

five committees will be dedicated to learning more about the culture in Ghana and making it the peoples' project, not the club's project. "They need to know how to run these wells and do everything long after we leave, otherwise if what we do is only good for a year then it won't really help them that much," notes Grace Bernard, Secretary of EWB.

Madeline Hatlen, a freshman this year, was president of the EWB



# Dr. Knecht researches the importance of team dynamics

**Erik Charrier**  
Staff Writer

Typically, at Mines, the word “research” conjures up images of professors and grad students toiling over experiments in some obscure basement. This week’s Research Spotlight flies in the face of these expectations with Dr. Knecht’s Team Dynamics research. While this may seem uncomfortably out of character for Mines, it is a critical component of what makes a good engineer.

The fundamental question of Team Dynamics, according to Dr. Knecht, is, “What are the functions or attributes that provoke problem solving? That’s something,” he added, “that does not magically happen; you have to build the team. A lot of stuff is out there on other kinds of teams.” However, there is a problem with the research out there. Knecht noted, “I don’t want to sound pompous, but engineering teams are different,” a statement backed up by years of EPICS records.

One of the key differences cited by Knecht is women. According to Knecht, “Most literature says that you can’t put [just one] woman on a team.” It was found that EPICS teams tended to be better with mixed teams and, contrary to popular belief, that the ‘undesirable’ presence of one woman (as opposed to none or several) was far from a handicap. In fact,

Knecht observed that, “Extroverts tend to do particularly well in this position [only woman on the team] and often become leaders.” These observations were compiled from EPICS department records. On its own, that correlation is interesting enough, but it is the explanation that gets to the of core team dynamics. According to Knecht, “women approach problem solving differently and this helps the team.” This difference, particularly in communications, provides the team with diversity where there otherwise might not be any.

The obvious follow-up question is, “Why does diversity matter?” The answer lies in the identity of the team. In a diverse atmosphere, teams tend to be more likely to develop a strong team identity. Knecht noticed that the added diversity tends to lead to a “give and take environment.” One of Knecht’s more important observations is that the type of communication changes with the introduction of one or more women into an engineering team. Communications tends to become more positive and less aggressive. The result is that the women and the diversity they bring to teams serve as a catalyst for some of the more important exchanges in team dynamics.

So why does a little talk matter? According to Dr. Knecht, “It isn’t just how they document – you have to document for the client, you have to write for non-technical clients. It’s

how [the team] communicates internally.” Teams that have the added diversity and more cooperative communications are better able to talk about and recognize their own strengths and weaknesses. This introspective look at the team is often what is required for the team to forge a strong team identity. Teams that make it to this point were significantly more likely to succeed.

The internal interactions in a team that has bonded this way are significantly different. These teams are less aggressive and more collaborative in their communications. Energy that would have been wasted on aggression can be put into completing the project and team members are less likely to become alienated. Knecht highlighted by asking, “Where do contentious communications help? Look at the government right now.”

So, what does this mean for you, besides an indication of your chances of a good experience and grade in EPICS? “Companies,” Knecht notes, “have recently begun to recognize this because more are seeing the value of collaborative effort.” With the prospect of improving the productivity of some of their expensive engineering teams, you can bet that some companies are going to start experimenting with things. If the performance of the EPICS teams here at Mines are any indication, we are going to start seeing more mixed teams in the future.”

# Shorey takes Mines to the world

**Jessica My-Linh Ho**  
Staff Writer

Sitting at his desk strewn with various rocks and minerals, Dr. Christian Shorey begins to talk about his background. “I grew up in Dallas, Texas, born in California though, the two most hated states in Colorado,” he jokes.

Geology has always been of interest to Dr. Shorey, even at a young age. “I’ve been doing it since I was in Kindergarten... always into rocks, playing in creek beds, doing stuff outdoors... it was something I already knew I was going to do when I was in eighth grade.” Dr. Shorey received his Bachelor’s of Science in Geology with a minor in Zoology at the University of Texas at Austin. In 2002, he received his Ph.D. at the University of Iowa. “I went straight to my Ph.D. because I knew I wanted to teach. That was in paleoclimatology... the study of ancient climates.”

After finishing his Ph.D., the University of Iowa hired Dr. Shorey as a visiting assistant professor, so he could fill in the gaps left by retiring professors. “Whatever course needed to be taught, that’s what I taught,” Dr. Shorey says. “So now I come here and I teach one course.” Dr. Shorey has been teaching at Mines

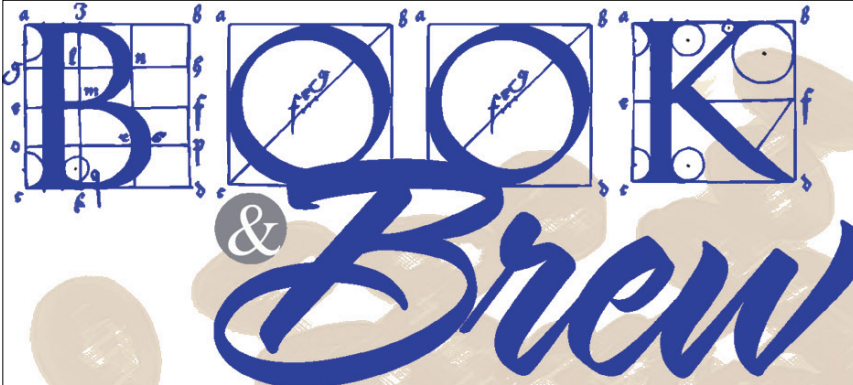
since 2005.

Although many faculty members do work in research, Dr. Shorey prefers to stick with lecturing. “My main focus has always been teaching,” he explains. “My main goals are education both for the students here and public outreach education through the podcast stuff I’ve been doing.” His interest in podcasts was sparked when he got an iPod a few years ago. “The first thing I did was search ‘geology podcast,’ and I listened to all the ones out there. I thought, ‘There should be something better than this.’” For the next couple of years, Dr. Shorey devoted time to finishing his lecture series, which can be found on iTunes.

Outside of teaching, Dr. Shorey enjoys biking, and he bikes to work whenever he can. “A lot of interests are my work... I did go into the line of work that I thought I would most enjoy myself in, and that has turned out to be true.” In his spare time, Dr. Shorey experiments with a variety of tools to add to the classroom, including a video podcast that will “parallel the audio podcast in the sense that they both would parallel my course.” Dr. Shorey works hard to keep his course interesting for students, which is reflected in his passion for teaching.



JESSICA MY-LINH HO / OREDIGGER



## at Arthur Lakes Library



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# Blue Canyon serves savory burgers

**Joshua Kleitsch**  
Staff Writer

The Blue Canyon Grill was founded in 2004 by Ted and Jolynn Johnson as a downtown sports bar and grill specializing in great burgers and fresh, exciting appetizers. The Blue Canyon has been in its current location at 1301 Washington Ave since early 2010.

The current location is part of the old Foss Drug building, which has been renovated multiple times in the last few years. With lots of wood and stone, the atmosphere is warm and welcoming, with a large fireplace in the main dining room. The restaurant also has a full-size garage door that opens onto Washington, with a few tables placed on a patio in front. In all, the atmosphere is contemporary but homey, and very comfortable for a pleasant lunch.

All this is good, but what about the food? If you order one of the two most popular burgers, your taste buds will be thrilled with some of the best flavors one can imagine. The Poblano Pepper burger and the Bacon Cheddar burger are culinary masterpieces, and the

cooks at Blue Canyon do an expert job of giving you the best food in very short order. The food was presented a mere 9 minutes after placing the order, and it was cooked to perfection, exactly as ordered. With such joyous flavors executed so well, these burgers are sure to please even the most discerning palettes.

While one might reasonably expect high prices for such quality, they would be pleasantly surprised that Blue Canyon is competitive, charging \$9 before tax for their classic burgers. Considering that these burgers are not only fabulous quality but are also huge at 1lb, and come with a nice heap of fries, that's a steal! As one in possession of a very large capacity stomach, you can be assured that these burgers will keep you comfortably full for many hours.

If you are hankering for a great, big, wonderful burger at a decent price, stop by the Blue Canyon Grill. Friendly staff, very fast service (at lunch, anyway), and great food combine to produce a local treasure. Visit the Blue Canyon Grill, and tell them you want the best burger in town!

# Beer Review: Ska Special E.S.B

**Bryant Pocock**  
Staff Writer

While there are varied opinions on what exactly constitutes an ESB (extra special bitter), most brewers agree that the style refers to a simple English-style pale ale, especially one with a single type of malt and a single (usually English) variety of hops. Usually easy-drinking and well-balanced (if a bit on the bitter side), ESBs pair well with strong-flavored foods such as pizza, bratwurst, or buffalo wings.

Ska Brewing Company brews up several tasty kinds of beer at its headquarters in Durango, but the real stand-outs in my mind are the ESB and its Modus Hoperandi India Pale Ale. Both are wonderfully bitter, and Modus especially will satisfy all but the most jaded hopheads with 65 IBUs (international bitterness units). The ESB is my favorite of the bunch because of its more balanced application of bitterness, with 58 IBUs. Most Ska brews can also be found packaged in colorful aluminum cans, a definite plus when weight or broken glass are concerns.

At first glance, Ska ESB looks like any other amber-colored ale with an average amount of foam. Sniff the glass and you

are immediately hit with a strong bitter scent of Galena hops, with a slight

secondary whiff of caramel and malt sugar. The first sip is also dominated by bitterness without much nuance. A pleasantly sweet caramel aftertaste follows up, with just a hint of alcohol and English ale yeast. After taking a few more sips, your taste buds will become accustomed to the bitterness and more complex flavors come through. Subtle fruity notes from the hops shine out here, as does a nutty caramel profile from the malt.

With an enough-but-not-too-much alcohol content of 5.7% and the aforementioned balanced-but-bitter profile, Ska ESB makes a wonderful session beer for those of us who enjoy a bit more hops. It may not be my favorite ESB that honor belongs to Grand Teton's Bitch Creek, with Lefthand's Sawtooth running a close second but Ska's contribution to the bitter party deserves mention for its simple and no-nonsense style. It's easy to enjoy a glass over a plate of barbecue without the beer stealing the show. I give Ska's ESB a B+ for being above average without showing off.



BRYANT POCOCH / OREDIGGER

# Bus stop hot spots

**Charlotte Adams**  
Staff Writer

At the beginning of every school year, we pay a fee for a bus pass on our tuition. This is good if you ride the bus frequently and know where to go; if not, you look at that little sticker and wonder, Why on earth do I have this? So here are a few ideas on what to do with your bus pass.

*Go to the mall.*

We are lucky enough to be very close to the Colorado Mills Mall. The Mills includes top notch stores and entertainment for people of all ages. There's also the Putting Edge Fun Center which offers 18 holes of stunning glow-in-the-dark miniature golf. The fluorescent paints and black lights will add fun to any night. To get to the mall, take the 16L from the stop at 13th across from Safeway. Get off at the Denver West/Colorado Mills Parkway stop for a total travel time of about 15 minutes. And don't forget the two United Artist theaters in the area if you have some extra cash for a movie.

*Go Downtown.*

The 16 and 16L conveniently travel all the way to Downtown Denver via Colfax Avenue. Denver hosts many fun, entertaining things to do including bowling, movie theatres, and a clubbing/bar scene for those of a legal age. For those people who are out of state, there are plenty of tourist attractions. The Denver Mint is located right in the middle of downtown and offers tours by reservation. The Denver Art Museum is full of historic and contemporary pieces that will impress any artist out there. The Denver Public Library is a monstrous five story building jam-packed with books where you can find anything

you need. And do not miss the Denver Center of the Performing Arts spectacular ballets, operas, plays, and concerts. Sophomore Thomas Horner says, My favorite thing to do downtown is go watch fire dancers and tribal drummers at Confluence Park Sunday nights."

*Casa Bonita*

Casa Bonita featured in the Comedy Central TV series South Park actually exists for those of you from out of state who do not know. Located in the shopping center on Pierce and Colfax, this restaurant is top notch for having an extremely silly night. It has the third largest gold dome in Colorado after the state capital and our own Guggenheim Hall. However, if you want good Mexican food, this is not a place to go. The cliff diving is impressive, but the acting in the skits is a little corny. If you are an enthusiastic, silly person and are from out of state, it is required that you go to Casa Bonita, as everyone has to go at least once.

*Some tips for riding the bus:*

1. Know when the buses end. My friends don't like me because I used to get stranded downtown all the time, says Horner.
2. Know your route before you leave. If you don't know where to get off, it could lead to confusion.
3. Some routes go to multiple destinations, advises Horner, make sure, when taking the 16 eastbound, that you are going to Golden and not Cold Springs.
4. Horner also says, Buses never come when they are scheduled to; always show up 5 or so minutes early.
5. Always be safe and have a plan B. If you do get stranded, make sure you either have money for a taxi or a friend who is willing to bail you out.

# The xx: hip, minimal, appealing

**Tim Weilert**  
Something Like Sound Blogger

Every year in the U.K. a group of music industry insiders award the Mercury Prize, an accolade given to the best alternative album of the year. When The xx received the prize last week they joined the ranks of other notable British groups such as Portishead, Franz Ferdinand, and The Arctic Monkeys. To win an award is one thing, to produce a truly excellent album is another. The question is: Is xx all that it's cracked up to be?

To determine this answer, it is useful to look at the context of music in 2009 as a whole. Alternative musicians gained more momentum against mainstream mainstays as the digital era really began to level the playing field. Songs from Phoenix and Passion Pit appeared in cell phone and car commercials and radio stations played yet another Vampire Weekend single. It appeared as though indie could be pigeonholed: just take a bunch of guitars, a synth, and some catchy beats, add 20-some-things in sweater-vests and serve.

Given this climate

it's not difficult to see why The xx stands out: rather than lots of bright, sunny instruments all they've got are a cool, spring-reverb-tinged guitar and a drum machine. Their vocals are relaxed and smooth- sexy and nearly emotionless- very much like watching fashion models on a runway.

For all of its soft, minimalist, hip dance songs, xx attempts to define "cool" and succeeds. What is so appealing about the debut from The xx is that the songs are catchy,

but not cliché. Listening to Shelter for the 10<sup>th</sup> time is still as enjoyable as the first time, something that cannot be said of many songs.

There are, of course, songs that simply fade into the velvet-black tone of this record; however a handful truly stand out. Tracks such as VCR and Islands do a good job of showing why The xx deserved the Mercury Prize.

To watch the video for Islands visit [www.minesblog.com/music](http://www.minesblog.com/music)  
COURTESY YOUNG TURKS RECORDS





# Simple, delicious brussels sprouts... seriously

**William Everson**  
Staff Writer

A rich, earthy bite claims your pallet as you delve into these crisp, caramelized cruciferae. With their deep, rustic flavor and slight hints of bitter overtones, these delicious sprouts are anything but the bitter, boiled greens of your childhood.

Time: 15-25 minutes  
Serves 4

**Ingredients:**

1 pound fresh Brussels sprouts (about 5-6 sprouts per person)

3-6 tablespoons butter or 2-4 tablespoons olive oil

1 large clove of garlic, minced

1 teaspoon fresh lemon juice

Coarse salt and pepper to taste

**Directions:**

1. Wash Brussels sprouts under cold water. Trim off any excess stems and remove any damaged or discolored outer

leaves. Halve each sprout; cutting parallel to the stem.

2. In saut pan on medium heat, melt half of the butter. Add the Brussels sprouts and turn to coat evenly with butter. Cook for about 3 minutes, stirring occasionally. Mince the garlic (or use a garlic press) and add, in addition to the rest of the butter, to the pan, stirring to coat. Cook for an additional 2-5 minutes or until sprouts are golden brown, stirring occasionally. Towards the end, mix in the lemon juice and season with salt and pepper to taste.

3. Serve warm with any dish requiring a hardy, savory vegetable side.

**Tips:**

Butter tastes better but is less healthy than oil. Pick small, uniformly sized sprouts. Do not overcook; overcooking will result in a sulfurous, bitter taste. Sprouts should be slightly chewy, not tough. Add as much or as little butter/oil as you want, more will enhance the flavor but also the fat.



WILLIAM EVERSON / OREGIGGER

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## Colorado School of Mines Career Day 9/14

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## MacGruber doesn't impress

**Stephen Hejducek**  
Staff Writer

MacGruber, a movie based on the Saturday Night Live skit about a handy agent who is constantly fighting against the clock to stop an imminent explosion was recently released to blu-ray and DVD on September 7. The skits often featured guest stars such as Betty White, Shia LeBoeuf, Charles Barkley and the original McGyver, Richard Dean Anderson. While the movie is just a prolonged version of the Saturday Night Live short, it is great for hardcore followers of MacGruber. However, the movie may seem very simplistic and just not funny for people looking for a more serious comedy.

MacGruber was released to theaters on May 21, 2010, and only grossed eight million dollars, for good reasons. The movie had a few good laughs here and there, but while trying to be serious, the movie detracts from the whole reason as to why anyone wanted to see the movie in the first place - to laugh and to see things go boom. MacGruber attempts to get shock laughs with certain amounts of profanity, thus the R rating. The movie could have easily been PG-13 if it was not for the elements of profanity.

At most, I would say that this movie is a rent before you buy. The movie is only one and a half hours, so it does not burn too much time. It is still an Saturday Night Live-themed movie to add to that collection. Will Forte plays MacGruber, offering his share of laughs, while he is aided by his sidekicks Kristin Wiig (Vicki St. Elmo) and Ryan Phillippe (Lt. Dixon Piper). MacGruber is trying to stop Dieter Von Cunth (Val Kilmer) from destroying Washington, D.C. with an atomic bomb. One thing to remember after watching MacGruber is, Cool guys don't look at explosions. Overall, MacGruber is worth at least one watch with a large group of friends.



# Mines dominates West Texas A&M, 4-0



Above, Alex Gunberg (#12) drives to the goal.



Above, Tesho Akindele (#10) prevents a West Texas A&M defender from receiving a pass.



Above, Zach Page-Belknap (#5) tries to beat the WTA&M goalie to the ball.



Above, Cale Haas (#11) strips the ball from an opposing player.



Above, Chris Bostic (#15) is in mid header. Mines went on to win 4-0 against #24 ranked West Texas A&M. Mines is currently ranked #3.



Above, Philip Wilson (#17) scores a goal after a botched catch by the A&M goalie.

ALL PHOTOS STEVEN WOOLDRIDGE / OREDIGGER



# Orediggers split pair of matches on final day of ASU Invitational

Courtesy CSM Athletics

Colorado School of Mines lost to the University of Nebraska - Omaha before rebounding to defeat Angelo State University on Saturday, September 11th, during the final day of competition at the Angelo Retina / Angelo State University Invitational.

After falling behind 2-0 against CSM, Nebraska-Omaha rallied to defeat Mines in five sets (in the Orediggers' opening match on Saturday. Anna Padgett-Shields finished with a team-high 17 kills while Holly Hutchison) and Jackie Stabell recorded 13 kills apiece. Amanda Massey dished out 53 assists and surpassed the 1,000-assist mark for her career. Elizabeth Serra-Hsu registered four service aces, 13 digs and four total blocks

while Hannah Margheim collected a match-best 14 digs.

The Orediggers rallied from a 2-1 deficit to defeat host Angelo State in five sets in their final contest of the weekend. Serra-Hsu and Stabell amassed 16 and 15 kills, respectively, while Anna Padgett-Shields concluded the match with 12 kills. Hutchison had five total blocks and Margheim led all players with 17 digs. Serra-Hsu has now moved into fourth place in the CSM career record book in kills.

The Orediggers will begin the Rocky Mountain Athletic Conference portion of their schedule by hosting CSU-Pueblo, Adams State and Western State on Thursday, Friday and Saturday, September 16th, 17th and 18th, respectively. All matches will be played at Lockridge Arena in Golden, Colo.



PHOTO COURTESY CSM ATHLETICS

## Lady Orediggers beat TWU 2-0

Trevor Crane  
Content Manager

The women's soccer game overcame two tough, early losses to earn their first win of the season Friday as the Colorado School of Mines beats Texas Woman's University 2-0.

Most of the game was dominated by strong defensive performances on both sides. It was not until late in the first half in the forty-first minute that CSM junior Joanna Graves broke the scoreless tie. Teammate Megan Woodworth fired a well-placed corner kick into the box, where Graves caught the ball in midair with her foot and sent it home. It was Graves's first goal of the 2010 season.

Mines (1-1-1) held the lead heading into the break, but strong defense had very much kept Texas Woman's (0-3-0) within striking distance. But the Pioneers couldn't solve the Oredigger defense, and allowed senior goalkeeper Briana Shulze to pick up her first shutout of the season. Shulze has now amassed 25 shutouts throughout her career at Mines, as she has been a strong backbone for this women's team. Since her arrival as a freshman, Shulze has started all of CSM's games in the past four years.

Coach Kevin Fickes, in his first year as the women's head coach, was pleased with how his team rebounded. "It was a huge win... we've had a couple of heartbreaking double overtimes that we thought we should have won, but we came out and played real well

today."

Mines looked strong throughout the game and controlled the ball on both ends for the majority of play. And they built on their 1-0 lead in the sixty-first minute as freshman Anna Evans flew by the defense to beat Pioneer goalkeeper Nori Morgan on the far side for her first career goal. "That goal was great for her," her coach said. "She had a couple chances in the first two games that just missed, so this was a great way to get her started."

Coach Fickes was particularly impressed with the solid play of his goalkeeper. "Bri [Shulze] played fantastically. This was a game where she took care of what she had to." He acknowledged the strong showing from the entire team as well, saying that, "She had good help from Jess [Stark] and sophomore Dani Hering. And you know, we had a bunch of contributors, it is difficult to just pick one person out."

Evans led Mines in shots on goal with 5 and Woodworth added 3 as the Orediggers dominated the Pioneers in shots on goal, 10-1. The loss is the third straight for Texas Woman's University as they continue their Colorado road trip against Colorado Christian.

Mines looks ahead to their next game as they host Montana State-Billings in Golden September 12 and look to build on some of the momentum from Friday's win. "I just want to play well," Coach Fickes commented, "well enough to stay competitive to give a chance in the end."

# ATHLETE OF THE WEEK

... CLAY GARCIA,  
JUNIOR: FOOTBALL TEAM, QUARTERBACK

Trevor Crane  
Content Manager

The last four years of Oredigger football have been dominated in part by standout quarterback David Pesek. Now Pesek has graduated and junior Clay Garcia finally has his chance to impress. He has taken no time in leading an explosive Mines offense with 666 yards in only his first two games. The Mechanical Engineer will earn his undergraduate degree in the spring and looks to return to complete his Master's degree. His recent effort in a 52-24 win over South Dakota Mines (27-42 for 417 yds and 6 TD) was enough to earn him the honor of RMAC Offensive Player of the Week and, of course, the Oredigger Athlete of the Week.

**[Oredigger] How did you begin playing football?**

[Garcia] I've been playing since I was four or five. I played with my two older brothers growing up and been playing since.

**What are some of the goals you have as a team this season?**

Every year we want to win the RMAC championship. We have the potential; it just depends on whether we rise to the occasion or not.

**Do you have a favorite football memory?**

It would probably be making the run last season (8-3 overall, 8-1 RMAC). We had a great season, and it was great just being a part of that team.

**What is the hardest part**

**about being a student athlete?**

Definitely time management. Football takes up more time than most people would think. It takes probably about 20 hours a week.

**What does your schedule look like?**

Tuesday is my toughest day. I have lifting from 7-8, class straight from 8 - 3:15, team meetings from 3:15 - 4, and practice from 4 - 7:30, and then I get to go home.

**What do you like about being on the football team?**

Definitely just being a part

of a team. It's a close group of guys. When you're a freshman, you have the team backing you

up. If you're struggling in school or socially, the upperclassmen can be there to help out.

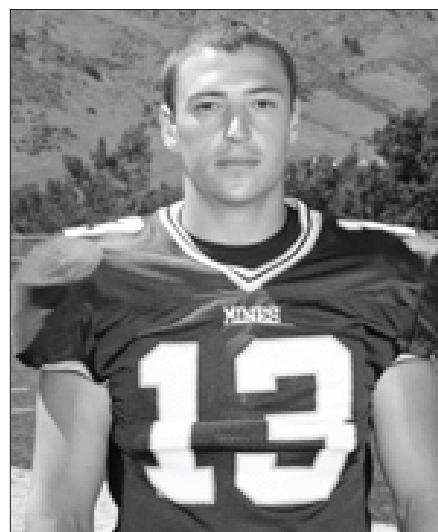
**Who was your favorite player growing up?**

John Elway. I loved the way he was able to play and make things happen.

**What has**

**been your hardest class?**

Ooh... Fluid mechanics. Actually probably Thermodynamics and Physics II as well. I really didn't like any of those classes.



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# Minds at Mines

## That clueless facial expression

Deborah Good  
Staff Writer

It happens every year around the end of August. No, it is not the closing of the pool, pre-season football, sweet corn, apple cider or the changing colors of the leaves. It is the beginning of college. For millions of people around the world, this is a return to a familiarity – same friends, same buildings, same professors, sometimes even same courses. For millions of others, however, this signifies the end of dependence on parents and the beginning of total independence (until tuition is due). They begin the proverbial journey of a thousand miles with that proverbial single step. In this country, we call these people freshmen. They can be identified by the clueless stares on their faces and the anger exuding from their pores directed at either physics or calculus homework. I say this with full knowledge – my clueless stare is permanently affixed to my befuddled face and I nearly cried over my Calc II homework this week. Yes, ladies and gentlemen, I am a freshman, and I am not ashamed to admit it. Perhaps you too are experiencing everything for the first time. No matter what your class, you may be curious to read on as this week, Minds at Mines investigates how these fresh-faced youngsters are coping with the transition to Mines life. As is readily apparent, responses varied widely, from advice to complaints to blank stares – lots of blank stares. So, without further ado, here are several representatives of the class of 2014 saying what is on their minds after three weeks at the Colorado School of Mines.

“You have to do so much more for yourself. It’s not like high school – there’s not as many people looking out for you.”  
Thien Nguyen



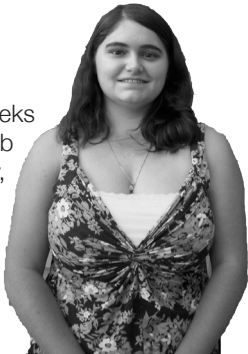
“Haha...um...Do your homework.”  
Kayla Johnson

“The first two weeks were really intense, and what I learned was better penmanship.”  
John Pontius



“It’s definitely different from high school – it’s really hard. Calc is kicking my butt. I’m really enjoying it, though. I like it better than high school. I really enjoy college atmosphere, and I like how helpful everyone is on campus.”  
Sarah Leatherbery

“My first two weeks at Mines were full of discoveries - where my lab classes were, that I can wake up at 6:30 if I try, and that NHV is code for “English collides with ethics.” It was definitely an experience. I’m looking forward to the rest of my time here.”  
Emily Kane



“Parking sucks! I kind of wish they didn’t charge for motorcycles. If everybody rode a motorcycle, there’d be so much more room.”  
Arnold Borgsiewicz

ALL PHOTOS DEBORAH GOOD / OREDIGGER



Shira Richman  
Ethics Columnist

Dear Moralistas,

A former teacher of mine recently won a teaching award. I didn’t nominate her for the award, though I wish I did.

I wrote to congratulate her on receiving the prestigious award. She wrote back in an email to a group of our friends, thanking me for nominating her. In the email she mentioned that she wanted to show her gratitude to me and another friend (who actually did write a nomination) by getting us something special when we go to her house in a couple of weeks.

Should I tell my former teacher, who has since become my friend, that I didn’t nominate her? Or should I say nothing and let her believe that I did?

A Too Secret Admirer

### Responses:

Though it may hurt your friend’s feelings, the morally right thing to do is to confess that you did not write the letter of recommendation. This may result in decreased happiness for yourself and your friend, but this should not be the focus. Rather, your focus should be on honest intentions. If, as Immanuel Kant suggests, we try to universalize this behavior of taking credit for something you didn’t do, we end up with a problem. If everyone took credit for things that are not their doing, praise of this sort would become meaningless as nobody would be sure if that person was worthy of praise. Therefore, we can conclude that not telling your friend about the error would be morally wrong.

Adam Moore

It seems unnecessary to tell your friend that you didn’t nominate her. If what really matters in morality is intention and you wanted her to win, you should let her believe the conclusion she has drawn on her own. What would be your intention in telling her you didn’t nominate her? To reduce your own feeling of guilt? Which intention is better: to make your friend feel good because she believes you took some time to write a nice letter about her, or to try to make yourself feel better for being unwaveringly honest?

A Pragmatist (and sometimes anonymity results in the best consequences)

I think you should tell your friend you didn’t write a nomination letter. Doing this will make her respect you more as a person. She’ll realize that she can really trust you, which will strengthen your friendship.

Preston Beck

I really like Aristotle’s views on ethics and he promoted doing whatever would make you the best person. Honesty is a virtue, but he warned against being too honest. He advocated finding a mean between extremes. I can imagine he would suggest you be honest and tell your friend you didn’t take the time to write a letter of nomination, but I can also imagine he might say that there isn’t a need to go out of your way to tell her. Then again, if she gives you a thank you gift for something you didn’t do, that doesn’t seem right. I guess you have to see what happens next and decide based on whether you are put in a compromising situation—just be sure not to lie or accept an undeserved award.

Virtually Virtuous

#### Editorials Policy

The Oredigger is a designated public forum. Editors have the authority to make all content decisions without censorship or advance approval and may edit submitted pieces for length so long as the original meaning of the piece is unchanged. Opinions contained within the Opinion Section do not necessarily reflect those of Colorado School of Mines or The Oredigger. The Oredigger does not accept submissions without identification and will consider all requests for anonymity in publication on a case-by-case basis. Submissions less than 300 words will receive preference.

# Have an opinion?

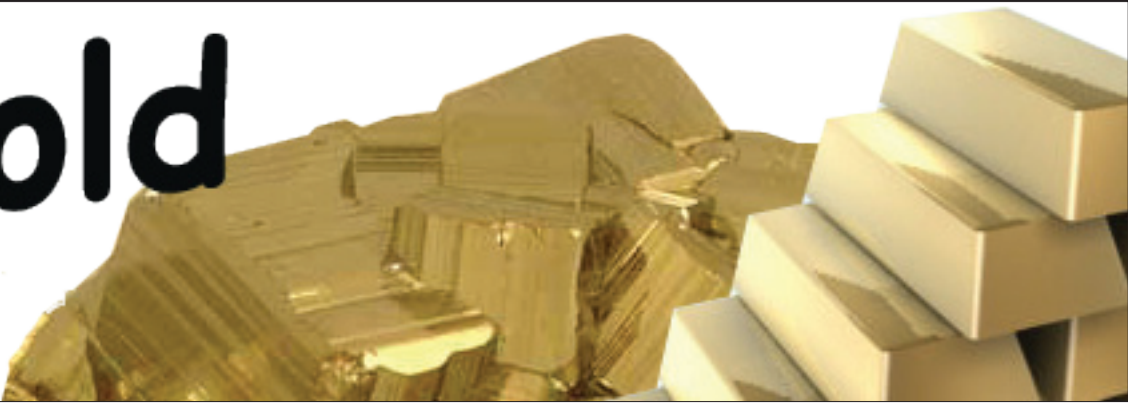
*Write an editorial! We are always looking to hear from our readers and would be happy to publish your thoughts on pressing matters around campus.*

*You can also write a letter to the editor to voice your opinion about The Oredigger. We’re open to suggestions and want to know your thoughts.*



# Fool's Gold

Sh\*t! Exams already?!?!?!?!?



## TP “bomber” charms campus

Janeen Neri  
Ex-TPer

Rumors have been spreading recently about a campus hero that the students have dubbed the Charmin Bomber, who bombs a different campus restroom every Monday. According to reports from those on the receiving end his or her work, the Charmin Bomber removes all the toilet paper from the target bathroom and restocks the bathroom with a softer, thicker brand. There is no apparent gender bias in the target bathrooms, so many speculate that the bombing is a team effort. Occasionally, a dorm bathroom will be TP-bombed, so at least one of the students in on the effort has Blast-erCard access.

Once the rumors had made the rounds of the student body, it became an informal game to find the special bathroom before the higher quality toilet paper ran out. Last semester, sources say that you could still find some of it left by Tuesday morning, but now the stock is usually depleted by noon

on Monday. Last week, the bombers left the original paper in the target restroom (first floor, Green Center, women's) so that once the soft tissue ran out, latecomers would still have something to use.

School officials have expressed some concern about the irregular traffic flow caused by the rush to find the correct bathroom. Many students will now seek out the restroom with the longest line stretching out of it, though less picky students note with glee that if a bathroom has no line, they are guaranteed privacy for their entire visit. When the Charmin Bomber was less well-known, people leaving the bombed restrooms would be quick to spread the word. Now, however, students who have discovered the lucky room try to be more secretive, only revealing the location to

their closest friends. Despite this, it is estimated that by the time the good toilet paper is gone, there are at least three open parking spaces in the CTLM lot.

Once the rumors had made the rounds of the student body, it became an informal game to find the “special” bathroom before the higher quality toilet paper ran out.

Students seem unbothered by the unpredictable usage patterns of campus restrooms; the person or people responsible are fast becoming legend. The exact identity of the Charmin Bomber is still mysterious due to the apparent randomness of the target restrooms and the early time of day at which the bombing occurs, both conditions which make it difficult for individuals or small groups to watch for someone hauling a half-dozen bags of toilet paper onto campus. However, some students have suggested the idea of tracking who stumbles on the correct bathrooms with the greatest frequency, as these students may have inside knowledge.



## Top ten available parking spots on campus

Ryan Browne  
Editor in Chief

10. Sixth Avenue
9. Slender passageway in the I.M. lot
8. Geology Museum
7. The track in Volk Gymnasium
6. Safeway
5. Kafadar Commons
4. 17<sup>th</sup> Street
3. Sidewalk next to CTLM
2. Board of Trustees parking spots
1. Your house

# RIDE WITH PRIDE

The Alumni Association partners with Colorado DMV to offer special Mines license plates

Here's how it works:

1. Stop by the Alumni Association in Coolbaugh House, 17th & Maple to purchase the DMV required certificate (\$50 payable to CSMAA) or go online at [minesonline.net/MinesPlates](http://minesonline.net/MinesPlates).
2. Redeem your certificate at a Colorado DMV branch, where you'll be asked for an additional \$50.
3. Attach your plates and Ride with Pride!



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